

Amendments to the Drawings:

The attached replacement drawing sheets makes changes to Figs. 9-11 and replaces the original sheets with Figs. 9-11.

Attachment: Replacement Sheets

REMARKS

Claims 1-15 are pending in this application. By this Amendment, claims 1-15 are amended. No new matter is added by this Amendment. Reconsideration and allowance are respectfully requested.

I. Drawing Objection

The Office Action objects to Figs. 9-11 under MPEP § 608.02(g).^{*} Figs. 9-11 are amended as suggested by the Office Action.

More specifically, Figs. 9-11 are amended to recite "prior art." Thus, Figs. 9-11, as amended, comply with the requirements of 37 C.F.R. § 1.121(d) and 37 C.F.R. § 1.84(c).

Withdrawal of the objection is respectfully requested.

II. Specification Objection

The Office Action objects to the specifications due to informalities. More specifically, the Office Action objects to the Abstract for failing to meet the single paragraph and 150 word limitations. The Abstract is amended as suggested.

Withdrawal of the objection is respectfully requested.

III. Claim Rejections under 35 U.S.C. § 112

The Office Action rejects claims 1-15 under 35 U.S.C. § 112, second paragraph. More specifically, the Office Action rejects claims 1-6 and 8-13 for the usage of the word "it," and also rejects claims 1, 4, 8 and 11 for the usage of the word "there." This rejection is respectfully traversed.

Claims 1-6 and 8-13, as amended, do not recite "it." Claims 1, 4, 8 and 11, as amended, do not recite "there."

^{*} Please note that the Office Action Summary acknowledges that the drawings are accepted. Nevertheless, Figs. 9-11 are amended.

Thus, the rejection of claims 1-6 and 8-13, under 35 U.S.C. §112, second paragraph, as well as claims 7, 14 and 15 dependent therefrom, is overcome.

Withdrawal of the rejection is respectfully requested.

IV. Claim Rejections under 35 U.S.C. § 101

The Office Action rejects claims 1-6 and 8-13 under 35 U.S.C. §101. More specifically, the Office Action rejects claims 1-6 and 8-13 because the Office Action asserts that the claims merely describe an abstract idea without carrying out a conclusionary method step of creating a table. This rejection is respectfully traversed.

Claims 1-3, as amended, recite a method for creating a table and outputting the created table. Thus, claims 1-3 have a practical, real-world application that produces a useful, concrete and tangible result. That is, the method creates a table in accordance with the steps embodied by the present claims and also outputs the created table. Accordingly, the rejection of claims 1-3 under 35 U.S.C. §101 is overcome.

Claims 4-6, as amended, recite an apparatus for creating a table. Thus, claims 4-6 have a practical, real-world application that produces a useful, concrete and tangible result. That is, the apparatus embodied by the present claims create a table. Accordingly, the rejection of claims 4-6 under 35 U.S.C. §101 is overcome.

Claims 8-10, as amended recite a program for creating an m-dimensional and n-order table and displaying the created table. Thus, claims 8-10 have a practical, real-world application that produces a useful, concrete and tangible result. That is, the program creates and displays an m-dimensional and n-order table. Therefore, the rejection of claims 8-10 under 35 U.S.C. §101 is overcome.

Claims 11-13, as amended, recite a program storage medium for creating tables and storing the created table. Thus, claims 11-13 have a practical, real-world application that produces a useful, concrete and tangible result. That is, the program creates and stores the

table in accordance with the steps embodied by the respective claims. Therefore, the rejection of claims 11-13 under 35 U.S.C. §101 is overcome.

Withdrawal of the rejection is respectfully requested.

V. Claim Rejections under 35 U.S.C. § 102

The Office Action rejects claims 1-15 are rejected under 35 U.S.C. § 102 over Japanese Publication No. 2000285101 (Ito). This rejection is respectfully traversed.

The Office Action asserts that claims 1-6 and 8-13 are unpatentable over Ito. More specifically, the Office Action states that Ito discloses a creation method of a table for searching for and creating an m-dimensional table and n-order table in which on the basis of m (m is a natural number of 4 or larger) reference axes, a symbol $A=[a_1, a_2, \dots, a_n]$ of n (n is a natural number of 2 or larger) elements different from each other appears once in an axial direction of each of the m reference axes. More specifically, the Office Action references Figs. 2, and 7-18 of Ito as disclosing the presently claimed invention. However, none of the aforementioned figures disclose, suggest or teach the creation of an m-dimensional and n-order table in which m is a natural number of 4 or larger (the figures in the applied art all use axes of X, Y and Z wherein the X axis corresponds to axis I, the Y axis corresponds to axis J and the Z axis corresponds to axis K, respectively).

Thus, the presently claimed invention differs from the applied reference at least in light of the dimension number the table comprises. More specifically, the dimension number of the presently claimed invention is natural number of 4 or larger while the dimension number of the cited reference is 3.

Thus, Ito fails to anticipate the claims 1-6 and 8-13, as well as the claims depending therefrom.

Withdrawal of the rejection is respectfully requested.

VI. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration, and prompt allowance of the claims are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Attachments:

Amended Abstract
Petition for Extension of Time
Replacement Sheets

Date: March 13, 2007

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